

## TRI On-site and Off-site Disposal or Other Releases, 2002: Primary Metals (SIC code 33)

State	On-site Disposal or Other Releases													Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
	RCRA Subtitle C Landfills		Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	Surface Impoundment	Other Land Disposal	Subtotal				
	Class I Wells	C Landfills	Pounds										Pounds			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Alabama	0	0	15,523,971	15,523,971	1,517,204	1,216,128	95,547	0	0	65	0	2,828,944	18,352,915	10,270,349	28,623,263	
Arizona	0	0	505	505	116,855	80,241	1,034	2,184,988	0	2,679	281,262,994	283,648,791	283,649,296	98,501	283,747,797	
Arkansas	0	282,770	4,812	287,582	377,351	1,388,044	192,131	0	2,005,900	172,092	4,135,518	4,423,100	3,117,859	7,540,959		
California	0	2,572	20,898	23,470	96,183	176,576	3,440	0	0	0	283	276,482	299,952	539,831	839,783	
Colorado	0	0	7,250	7,250	7,472	86,799	8,800	0	0	0	0	103,072	110,322	67,246	177,568	
Connecticut	0	0	58	58	50,926	109,972	44,948	0	0	269	0	206,115	206,173	263,469	469,642	
Delaware	0	0	0	0	12,641	3,910	40	0	0	576	0	17,167	17,167	6,313	23,481	
Florida	0	0	3,394	3,394	25,527	100,476	0	0	0	0	0	126,003	129,397	366,845	496,242	
Georgia	0	0	3,454	3,454	337,482	548,158	973	0	0	0	149	886,762	890,216	63,993	954,209	
Idaho	0	0	0	0	0	2,815	0	0	0	0	0	2,815	2,815	140,655	143,470	
Illinois	0	0	4,940,906	4,940,906	662,962	1,236,195	178,489	0	0	716,767	32	2,794,444	7,735,350	6,044,073	13,779,424	
Indiana	610,850	500,227	9,361,925	10,473,003	1,891,322	3,630,923	26,998,075	0	0	0	14,850	32,535,170	43,008,173	68,841,900	111,850,073	
Iowa	0	0	85,916	85,916	34,821	323,958	7,584	0	0	250	881	367,494	453,410	1,885,243	2,338,653	
Kansas	0	0	528,866	528,866	22,739	54,348	0	0	0	0	0	77,088	605,954	278,454	884,407	
Kentucky	0	644,146	4,517,009	5,161,154	208,404	759,246	901,437	0	0	0	5,837	1,874,924	7,036,079	2,256,640	9,292,718	
Louisiana	0	0	110,290	110,290	24,816	89,775	61,127	0	0	0	2,415	178,133	288,423	1,666,763	1,955,186	
Maryland	0	104	386,273	386,377	158,094	750,854	32,409	0	0	1,785,822	0	2,727,180	3,113,557	91,837	3,205,394	
Massachusetts	0	0	0	0	23,754	16,255	150	0	11	0	0	40,169	40,169	327,161	367,331	
Michigan	0	27	731,721	731,748	489,841	618,761	132,323	0	3,970	0	1,100	1,245,996	1,977,743	47,660,525	49,638,269	
Minnesota	0	2,108	0	2,108	43,433	24,517	237	0	0	0	0	68,188	70,296	3,425,244	3,495,540	
Mississippi	0	0	0	0	50,460	132,679	679	0	0	0	0	183,818	183,818	208,940	392,759	
Missouri	0	71,119	1,105	72,224	454,603	515,134	1,215	0	0	0	22,246,004	23,216,956	23,289,180	5,020,802	28,309,983	
Montana	0	0	0	0	181,023	2,183	0	0	0	3,466	0	186,672	186,672	0	186,672	
Nebraska	0	0	0	0	38,827	20,525	364	0	0	0	305	60,021	60,021	1,258,754	1,318,775	
Nevada	0	0	49,210	49,210	2,332	4,069	0	0	0	5	0	6,406	55,616	4,011	59,627	
New Hampshire	0	0	0	0	9,647	20,961	284	0	0	0	0	30,892	30,892	17,831	48,723	
New Jersey	0	0	7	7	69,677	87,060	147	0	0	0	0	156,884	156,891	373,159	530,050	
New Mexico	0	0	0	0	9,084	3,828	8	0	0	0	0	12,920	12,920	7,995	20,914	
New York	0	0	1	1	363,009	989,217	59,597	0	0	0	60	1,411,884	1,411,885	840,146	2,252,031	
North Carolina	0	5	1,505	1,510	231,895	322,969	2,389	0	0	0	0	557,254	558,764	3,380,867	3,939,630	
North Dakota	0	0	0	0	0	2	0	0	0	0	0	2	2	0	2	
Ohio	0	21,449	3,936,882	3,958,331	1,575,148	3,624,824	6,606,422	0	0	4,318,997	25,200	16,150,591	20,108,921	20,858,306	40,967,228	
Oklahoma	1,431	0	440	1,871	20,554	69,414	274	0	0	0	0	90,243	92,114	1,693,495	1,785,609	
Oregon	0	0	202,366	202,366	108,106	430,243	928,245	0	0	0	0	1,466,594	1,668,960	1,275,619	2,944,579	
Pennsylvania	0	5	149,189	149,194	1,913,540	2,346,654	4,978,745	0	0	0	2,033,347	11,272,286	11,421,480	40,531,834	51,953,313	
Puerto Rico	0	0	0	0	181	1,147	0	0	0	0	12	1,340	1,340	5,947	7,288	
Rhode Island	0	0	0	0	17,734	19,532	0	0	0	0	0	37,266	37,266	80,510	117,776	
South Carolina	0	677,315	0	677,315	254,241	1,041,767	7,605	0	0	0	0	1,303,613	1,980,928	14,055,092	16,036,020	
South Dakota	0	0	0	0	1,755	136,596	0	0	0	0	0	138,351	138,351	1,605	139,956	
Tennessee	0	0	1,899,250	1,899,250	253,482	1,733,433	3,865	0	0	0	0	1,990,780	3,890,030	2,756,448	6,646,478	
Texas	263,993	205,238	1,146,144	1,615,375	464,228	1,302,405	133,724	0	945	0	92	1,901,394	3,516,769	1,511,215	5,027,984	
Utah	0	0	1,770,224	1,770,224	166,628	14,772,518	7,542	0	0	26,333,095	10,112	41,289,895	43,060,118	705,016	43,765,134	
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0	5,368	5,368	
Virginia	0	135	85,696	85,831	50,862	36,886	3,785	0	0	0	0	91,533	177,364	5,314,969	5,492,333	
Washington	0	6	326	332	53,767	270,855	216,302	0	0	0	2	540,925	541,257	34,692	575,949	
West Virginia	15	0	68	83	512,291	438,773	335,605	0	0	0	0	1,286,668	1,286,751	1,539,996	2,826,748	
Wisconsin	0	0	133,321	133,321	234,552	587,584	354,393	0	0	0	0	1,176,529	1,309,850	6,972,763	8,282,612	
Wyoming	0	0	0	0	1	366	0	0	0	0	0	366	366	3,316	3,683	
Total	876,289	2,407,227	45,602,981	48,886,497	13,139,454	40,129,576	42,299,936	2,184,988	4,926	35,167,891	305,775,767	438,702,538	487,589,035	255,871,600	743,460,634	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at [www.epa.gov/tri/tridata/index.htm#pdr](http://www.epa.gov/tri/tridata/index.htm#pdr).

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10),

Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

Facilities/forms are included in the manufacturing industry categories (SIC Codes 20-39) if they did not report a SIC code in the other industries. Forms that reported more than one 2-digit SIC code within the range 20 to 39 are assigned to the "multiple codes" category. Facilities/forms are included in the other industry categories if the facility/form has a SIC code in the other industries and no SIC code in 20-39. If the facility reported in any year prior to 1998 and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the manufacturing industry category. If the facility reported for the first time in 1998 or later and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the other industry category. Forms with no 2-digit SIC code are included in the "no codes" category. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2002 and previous years have been included in SIC code 10 for the purpose of this analysis.